

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S8	2	fluorine with plasma with oxygen near2 (atom ion) near2 (amount concentration content)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/09 14:09
S9	7	oxygen with atom\$2 with ratio with (molecular adj oxygen O2 "O.sub.2")with plasma	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/09 14:13
S10	3	oxygen with atom\$2 with ratio with (molecular adj oxygen O2 "O.sub.2")with plasma with (halogen halide fluori?e chlo?e bromi?e)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/09 14:17
S12	2	oxygen near atom\$2 with (molecular adj oxygen O2 "O.sub.2") with ratio same plasma same (halogen halide fluori?e chlo?e bromi?e)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/09 14:53
S13	0	S12 not S11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/09 14:53
S11	52	oxygen same atom\$2 same ratio same (molecular adj oxygen O2 "O.sub.2") same plasma same (halogen halide fluori?e chlo?e bromi?e)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/09 15:04
S14	1	"9055329"	JPO; DERWENT	OR	OFF	2004/12/09 15:05
S15	0	"055329"	JPO; DERWENT	OR	OFF	2004/12/09 15:05
S16	0	9-055329	JPO; DERWENT	OR	OFF	2004/12/09 15:05
S17	6	"55329"	JPO; DERWENT	OR	OFF	2004/12/09 15:06

S18	11	saito and kumazawa and sumitomo	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 15:07
S19	997	"8" adj (inch "in.") adj wafer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/10 21:09
S20	9	"10" adj (inch "in.") adj wafer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/10 21:15
S21	997	S19 and fd@> "19970101"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/10 21:17
S22	997	S19 and fd@< "19970101"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/10 21:17
S23	5	S19 and standard near size	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/10 21:17
S25	1	etch\$3 near2 (diamond dlc) with (CF4 "CF.sub.4" \$10fluori?e fluoro\$10) with (oxygen O2 CO2 "O.sub.2" "CO.sub.2") with (nitrogen N2 "N.sub.2")	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/03 15:16
S26	1	2003-305924.NRAN.	DERWENT	OR	ON	2006/02/03 15:19
S24	4	etch\$3 near2 (diamond dlc) with (CF4 "CF.sub.4" \$10fluori?e fluoro\$10) with (oxygen O2 CO2 "O.sub.2" "CO.sub.2") with (nitrogen N2 "N.sub.2")	US-PGPUB; USPAT	OR	ON	2006/02/03 15:38
S29	5	S27 not S24	US-PGPUB; USPAT	OR	ON	2006/02/03 15:38

S28	2	etch\$3 with (diamond dlc) same (CF4 "CF.sub.4" \$10fluori?e fluoro\$10) same (oxygen O2 CO2 "O.sub.2" "CO.sub.2") same (nitrogen N2 "N.sub.2")	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/03 15:48
S27	9	etch\$3 with (diamond dlc) same (CF4 "CF.sub.4" \$10fluori?e fluoro\$10) same (oxygen O2 CO2 "O.sub.2" "CO.sub.2") same (nitrogen N2 "N.sub.2")	US-PGPUB; USPAT	OR	ON	2006/02/03 15:53
S31	4	etch\$3 and (diamond dlc) and (CF4 "CF.sub.4" \$10fluori?e fluoro\$10) and (oxygen O2 CO2 "O.sub.2" "CO.sub.2") and (nitrogen N2 "N.sub.2") not S28	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/03 15:55
S32	9	S30 not S27	US-PGPUB; USPAT	OR	ON	2006/02/03 15:58
S33	98	etch\$3 and (diamond dlc) same (CF4 "CF.sub.4" \$10fluori?e fluoro\$10) same (oxygen O2 CO2 "O.sub.2" "CO.sub.2") same (nitrogen N2 "N.sub.2")	US-PGPUB; USPAT	OR	ON	2006/02/03 16:04
S34	788	etch\$3 and (diamond dlc) and (CF4 "CF.sub.4" \$10fluori?e fluoro\$10) same (oxygen O2 CO2 "O.sub.2" "CO.sub.2") same (nitrogen N2 "N.sub.2")	US-PGPUB; USPAT	OR	ON	2006/02/03 16:05
S35	2409	etch\$3 and (diamond dlc) and (CF4 "CF.sub.4" \$10fluori?e fluoro\$10) and (oxygen O2 CO2 "O.sub.2" "CO.sub.2") same (nitrogen N2 "N.sub.2")	US-PGPUB; USPAT	OR	ON	2006/02/03 16:05
S36	3654	etch\$3 and (diamond dlc) and (CF4 "CF.sub.4" \$10fluori?e fluoro\$10) and (oxygen O2 CO2 "O.sub.2" "CO.sub.2") and (nitrogen N2 "N.sub.2")	US-PGPUB; USPAT	OR	ON	2006/02/03 16:05
S37	210	etch\$3 same (diamond dlc) and (CF4 "CF.sub.4" \$10fluori?e fluoro\$10) same (oxygen O2 CO2 "O.sub.2" "CO.sub.2") same (nitrogen N2 "N.sub.2")	US-PGPUB; USPAT	OR	ON	2006/02/03 16:05

S38	76	etch\$3 same (diamond dlc) same (CF4 "CF.sub.4" \$10fluori?e fluoro\$10) and (oxygen O2 CO2 "O.sub.2" "CO.sub.2") same (nitrogen N2 "N.sub.2")	US-PGPUB; USPAT	OR	ON	2006/02/03 16:05
S30	18	etch\$3 same (diamond dlc) same (CF4 "CF.sub.4" \$10fluori?e fluoro\$10) same (oxygen O2 CO2 "O.sub.2" "CO.sub.2") same (nitrogen N2 "N.sub.2")	US-PGPUB; USPAT	OR	ON	2006/02/03 16:06
S39	61	etch\$3 same (diamond dlc) same (CF4 "CF.sub.4" \$10fluori?e fluoro\$10) same (oxygen O2 CO2 "O.sub.2" "CO.sub.2") and (nitrogen N2 "N.sub.2")	US-PGPUB; USPAT	OR	ON	2006/02/03 16:07
S40	131	etch\$3 with (diamond dlc) and (CF4 "CF.sub.4" \$10fluori?e fluoro\$10) same (oxygen O2 CO2 "O.sub.2" "CO.sub.2") same (nitrogen N2 "N.sub.2")	US-PGPUB; USPAT	OR	ON	2006/02/03 16:08
S41	86	etch\$3 with (diamond dlc) and (CF4 "CF.sub.4" \$10fluori?e fluoro\$10) with (oxygen O2 CO2 "O.sub.2" "CO.sub.2") with (nitrogen N2 "N.sub.2")	US-PGPUB; USPAT	OR	ON	2006/02/03 16:42
S42	60	S33 not S41	US-PGPUB; USPAT	OR	ON	2006/02/03 17:04
S43	49	S38 not (S41 S42)	US-PGPUB; USPAT	OR	ON	2006/02/03 17:19
S44	20	S39 not (S38 S41 S42)	US-PGPUB; USPAT	OR	ON	2006/02/03 17:23
S45	0	S28 not (S38 S39 S41 S42)	US-PGPUB; USPAT	OR	ON	2006/02/03 17:24
S46	83	S37 not (S38 S39 S41 S42)	US-PGPUB; USPAT	OR	ON	2006/02/03 17:34
S47	13	S40 not (S38 S39 S41 S42)	US-PGPUB; USPAT	OR	ON	2006/02/03 17:35

S48	12	(US-5844252-\$ or US-6013191-\$ or US-5500393-\$ or US-6007730-\$ or US-6221493-\$ or US-6391788-\$ or US-6245489-\$ or US-6235214-\$ or US-4654112-\$).did. or (WO-9922049-\$).did. or (JP-10312735-\$).did. or (NN8712128).tban.	USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/02/06 10:40
S49	292	(US-6709730-\$ or US-6254964-\$ or US-6291052-\$ or US-6432503-\$ or US-4816113-\$ or US-4973883-\$ or US-5677372-\$ or US-5814194-\$ or US-5888619-\$ or US-6071469-\$ or US-6207282-\$ or US-5384991-\$ or US-5836229-\$ or US-5957757-\$ or US-5391422-\$ or US-5317938-\$ or US-4874463-\$ or US-5277960-\$ or US-5388020-\$ or US-5399238-\$ or US-5532191-\$ or US-5549211-\$ or US-5680285-\$ or US-6159081-\$ or US-6344658-\$ or US-6369663-\$).did. or (US-6426511-\$ or US-5264071-\$ or US-5349922-\$ or US-5614314-\$ or US-5837357-\$ or US-6176932-\$ or US-6228439-\$ or US-4818450-\$ or US-6312796-\$ or US-6981465-\$ or US-5725413-\$ or US-5269890-\$ or US-5355008-\$ or US-5380349-\$ or US-5447876-\$ or US-5763072-\$ or US-5891575-\$ or US-4278195-\$ or US-4422465-\$ or US-4470479-\$ or US-5190807-\$ or US-5287083-\$ or US-5334283-\$ or US-5380408-\$ or US-5848120-\$ or US-5989755-\$ or US-6127068-\$).did. or (US-6207102-\$ or US-4981671-\$ or US-4849199-\$ or US-4882138-\$ or US-5292371-\$ or US-5508071-\$ or US-5510157-\$ or US-5705271-\$ or US-5863606-\$ or US-5882740-\$ or US-6184059-\$ or US-6191492-	USPAT	OR	ON	2006/02/06 10:41

\$ or US-4551316-\$ or US-4976324-\$ or US-4986214-\$ or US-4996079-\$ or US-5223721-\$ or US-5298285-\$ or US-5316804-\$ or US-5368937-\$ or US-5406576-\$ or US-5477034-\$ or US-5477844-\$ or US-5480686-\$ or US-5494558-\$ or US-5523121-\$ or US-5569502-\$).did. or (US-5595641-\$ or US-5605556-\$ or US-5776328-\$ or US-5868850-\$ or US-5948535-\$ or US-5985451-\$ or US-6066290-\$ or US-6312535-\$ or US-6440340-\$ or US-6524357-\$ or US-6653210-\$ or US-6663682-\$ or US-6863740-\$ or US-4769101-\$ or US-4980021-\$ or US-5304461-\$ or US-5366522-\$ or US-5366556-\$ or US-5560897-\$ or US-5614272-\$ or US-5952060-\$ or US-6200652-\$ or US-4557794-\$ or US-4869923-\$ or US-4935303-\$ or US-4971667-\$ or US-5015494-\$).did. or (US-5204210-\$ or US-5235236-\$ or US-5283087-\$ or US-5290610-\$ or US-5291536-\$ or US-5401544-\$ or US-5427054-\$ or US-5505158-\$ or US-5605759-\$ or US-5662877-\$ or US-5676723-\$ or US-5747918-\$ or US-5827613-\$ or US-5858471-\$ or US-5903416-\$ or US-5925413-\$ or US-5989511-\$ or US-5993680-\$ or US-6103133-\$ or US-6161499-\$ or US-6187213-\$ or US-4339304-\$ or US-4902643-\$ or US-4925701-\$ or US-4926791-\$ or US-4940015-\$ or US-4957591-\$).did. or (US-4960495-\$ or US-4973494-\$ or US-4975265-\$ or US-4987004-\$ or US-5000817-\$ or US-5007374-\$ or US-5010249-\$ or US-5183530-\$ or US-5203959-\$ or US-5206471-\$ or US-

5246673-\$ or US-5250451-
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5370912-\$ or US-5417798-
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\$).did. or (US-5432003-\$
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5449434-\$ or US-5455081-
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5648139-\$ or US-5660881-
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5713775-\$ or US-5763879-
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5792556-\$).did. or (US-
5821680-\$ or US-5820947-
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5858259-\$ or US-5862013-
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5869133-\$ or US-5874807-
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5888309-\$ or US-5897380-
\$ or US-5900288-\$ or US-
5903969-\$ or US-5912186-
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5916370-\$ or US-5932302-
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5955781-\$ or US-5961718-
\$ or US-5990604-\$ or US-
6001431-\$ or US-6013191-
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6060118-\$ or US-6100199-
\$ or US-6101972-\$).did. or
(US-6110759-\$ or US-
6132550-\$ or US-6171674-
\$ or US-6177352-\$ or US-
6183816-\$ or US-6211622-
\$ or US-6214637-\$ or US-
6214749-\$ or US-6217661-

		\$ or US-6221493-\$ or US-6248400-\$ or US-6264209-\$ or US-6284661-\$ or US-6309554-\$ or US-6337000-\$ or US-6377437-\$ or US-6379575-\$ or US-6381008-\$ or US-6406589-\$ or US-6428399-\$ or US-6468617-\$ or US-6472062-\$ or US-6508911-\$ or US-6509124-\$ or US-6567258-\$ or US-6579833-\$ or US-6858537-\$).did. or (US-6869898-\$ or US-4438888-\$ or US-4870853-\$ or US-5203881-\$ or US-5332172-\$ or US-5565724-\$ or US-5623754-\$ or US-5713118-\$ or US-5775983-\$ or US-5966922-\$ or US-6041875-\$ or US-4299441-\$ or US-4397361-\$ or US-4440604-\$ or US-4469027-\$ or US-4481016-\$ or US-4515828-\$ or US-4529048-\$ or US-4760888-\$ or US-4762534-\$ or US-4823578-\$ or US-4829799-\$ or US-4839005-\$ or US-4842618-\$ or US-4845816-\$ or US-4874001-\$ or US-4908046-\$).did. or (US-4916802-\$ or US-4945686-\$ or US-5022895-\$ or US-5028242-\$ or US-5183362-\$ or US-5223304-\$ or US-5232470-\$ or US-5281244-\$ or US-5287936-\$ or US-5297320-\$ or US-5311536-\$ or US-5346026-\$ or US-5351183-\$ or US-5358007-\$ or US-5370700-\$ or US-5432988-\$ or US-5449123-\$ or US-5449388-\$ or US-5467836-\$ or US-5512350-\$ or US-5527424-\$ or US-5540973-\$ or US-5607488-\$).did.				
S51	3654	etch\$3 and (diamond dlc) and (CF4 "CF.sub.4" \$10fluori?e fluoro\$10) and (oxygen O2 CO2 "O.sub.2" "CO.sub.2") and (nitrogen N2 "N.sub.2")	US-PGPUB; USPAT	OR	ON	2006/02/06 10:42

S50	4	S48 and S49	US-PGPUB; USPAT	OR	ON	2006/02/06 10:43
S53	2	S48 and S52	US-PGPUB; USPAT	OR	ON	2006/02/06 10:43
S54	8	(US-20020058362-\$ or US-20030024902-\$ or US-20030062335-\$).did. or (US-5483084-\$ or US-5500077-\$ or US-6013191-\$ or US-6104461-\$ or US-6500488-\$).did.	US-PGPUB; USPAT	OR	ON	2006/02/06 10:45
S55	1	S50 and S54	US-PGPUB; USPAT	OR	ON	2006/02/06 10:45
S52	38	S51 and S49	US-PGPUB; USPAT	OR	ON	2006/02/06 11:23
S56	11	etch\$3 near diamond with (N2 "N.sub.2" \$2nitrogen)	US-PGPUB; USPAT	OR	ON	2006/02/06 11:28
S57	17	etch\$3 near diamond same (N2 "N.sub.2" \$2nitrogen) not S56	US-PGPUB; USPAT	OR	ON	2006/02/06 11:35
S58	65	etch\$3 with diamond same (N2 "N.sub.2" \$2nitrogen) not (S56 S57)	US-PGPUB; USPAT	OR	ON	2006/02/06 11:36
S59	16	etch\$3 near3 diamond same (N2 "N.sub.2" \$2nitrogen) not (S56 S57)	US-PGPUB; USPAT	OR	ON	2006/02/06 11:39
S60	13	etch\$3 near5 diamond same (N2 "N.sub.2" \$2nitrogen) not (S56 S57 S59)	US-PGPUB; USPAT	OR	ON	2006/02/06 11:42
S61	36	S58 not (S59 S60)	US-PGPUB; USPAT	OR	ON	2006/02/06 11:42
S62	11	(US-20020058362-\$ or US-20030024902-\$ or US-20030062335-\$).did. or (US-5483084-\$ or US-5500077-\$ or US-6013191-\$ or US-6104461-\$ or US-6500488-\$ or US-6261726-\$ or US-5344526-\$ or US-5657365-\$).did.	US-PGPUB; USPAT	OR	ON	2006/02/06 12:12

S1	100	(etch\$3 with diamond) and ((etch\$3 with plasma) same (oxygen O2 "O. sub.2")) and ((etch\$3 with plasma) same (fluori?e fluorocarbon tetrafluoromethane CF4 "CF.sub.4" carbontetrafluoride carbon-tetra-fluoride))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 12:23
S63	0	etch\$3 near diamond with ("W/cm.sup.2" "watts/cm. sup.2" ((W watts) adj per adj ((square adj cm) "cm. sup.2")))	US-PGPUB; USPAT	OR	ON	2006/02/06 12:26
S65	0	etch\$3 near diamond same ("W/cm.sup.2" "watts/cm.sup.2" ((W watts) adj per adj ((square adj cm) "cm.sup.2")))	US-PGPUB; USPAT	OR	ON	2006/02/06 12:26
S67	4	etch\$3 with diamond same ("W/cm.sup.2" "watts/cm. sup.2" ((W watts) adj per adj ((square adj cm) "cm. sup.2")) not S64	US-PGPUB; USPAT	OR	ON	2006/02/06 12:30
S68	84	etch\$3 with diamond and ("W/cm.sup.2" "watts/cm. sup.2" ((W watts) adj per adj ((square adj cm) "cm. sup.2")) not (S64 S67)	US-PGPUB; USPAT	OR	ON	2006/02/06 12:30
S64	15	etch\$3 near diamond and ("W/cm.sup.2" "watts/cm. sup.2" ((W watts) adj per adj ((square adj cm) "cm. sup.2")))	US-PGPUB; USPAT	OR	ON	2006/02/06 12:31
S70	18	etch\$3 near3 diamond and ("W/cm.sup.2" "watts/cm. sup.2" ((W watts) adj per adj ((square adj cm) "cm. sup.2")) not (S64 S67)	US-PGPUB; USPAT	OR	ON	2006/02/06 12:44
S71	1	S69 not "18"	US-PGPUB; USPAT	OR	ON	2006/02/06 12:44
S72	20	S69 not S70	US-PGPUB; USPAT	OR	ON	2006/02/06 12:44
S69	38	etch\$3 near5 diamond and ("W/cm.sup.2" "watts/cm. sup.2" ((W watts) adj per adj ((square adj cm) "cm. sup.2")) not (S64 S67)	US-PGPUB; USPAT	OR	ON	2006/02/06 12:49

S73	22	etch\$3 near8 diamond and ("W/cm.sup.2" "watts/cm.sup.2" ((W watts) adj per adj ((square adj cm) "cm.sup.2"))) not (S64 S67 S69)	US-PGPUB; USPAT	OR	ON	2006/02/06 12:52
S74	24	(S66 S70) not (S64 S67 S69 S72 S73)	US-PGPUB; USPAT	OR	ON	2006/02/06 12:52
S66	88	etch\$3 with diamond and ("W/cm.sup.2" "watts/cm.sup.2" ((W watts) adj per adj ((square adj cm) "cm.sup.2"))) not S64	US-PGPUB; USPAT	OR	ON	2007/08/22 17:28
S76	211	etch\$3 with diamond and power adj density	US-PGPUB; USPAT	OR	ON	2007/08/22 17:30
S77	211	etch\$4 with diamond and power adj density	US-PGPUB; USPAT	OR	ON	2007/08/22 17:30
S78	274	S75 S77	US-PGPUB; USPAT	OR	ON	2007/08/22 17:30
S79	6	S78 and low adj power adj density	US-PGPUB; USPAT	OR	ON	2007/08/22 17:33
S80	0	S77 and "less than 1"	US-PGPUB; USPAT	OR	ON	2007/08/22 17:34
S81	10	S77 and "below 1"	US-PGPUB; USPAT	OR	ON	2007/08/22 17:34
S75	129	etch\$3 with diamond and ("W/cm.sup.2" "watts/cm.sup.2" ((W watts) adj per adj ((square adj cm) "cm.sup.2"))))	US-PGPUB; USPAT	OR	ON	2007/08/22 17:37
S82	21	S75 and "0.?? near ("W/cm.sup.2" "watts/cm.sup.2" ((W watts) adj per adj ((square adj cm) "cm.sup.2"))))	US-PGPUB; USPAT	OR	ON	2007/08/22 17:45
S83	21	S78 and "0.?? near ("W/cm.sup.2" "watts/cm.sup.2" ((W watts) adj per adj ((square adj cm) "cm.sup.2"))))	US-PGPUB; USPAT	OR	ON	2007/08/22 17:45
S84	25	S78 and "0.?" near ("W/cm.sup.2" "watts/cm.sup.2" ((W watts) adj per adj ((square adj cm) "cm.sup.2"))))	US-PGPUB; USPAT	OR	ON	2007/08/22 17:45
S85	24	S84 not S83	US-PGPUB; USPAT	OR	ON	2007/08/22 17:54
S86	0	S83 not S82	US-PGPUB; USPAT	OR	ON	2007/08/22 17:54

2/ 25/ 09 11:15:21 AM

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